	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1768	((monitor$4 control$4) same (reflectors (each adj1 reflector$1) (individual adj1 reflector$1) mirror$1 microreflectors micromirrors)) and (calibrat$4 same (reflectors (each adj1 reflector$1) (individual adj1 reflector$1) mirror$1 microreflectors micromirrors)) and ((align$5 adjust$4 modif$4 chang$4 tun$4 correct$4) near9 (reflect$5 mirror$4 microreflect$4 micromirror$1))	USPAT; US-PGPUB	2004/08/20 12:24
2	BRS	L2	1768	((monitor$4 control$4) same (reflectors (each adj1 reflector$1) (individual adj1 reflector$1) mirror$1 microreflectors micromirrors)) and (calibrat$4 same (reflectors (each adj1 reflector$1) (individual adj1 reflector$1) mirror$1 microreflectors micromirrors)) and ((align$5 adjust$4 modif$4 chang$4 tun$4 correct$4) near9 (reflect$5 (each adj1 reflector$1) (individual adj1 reflector$1) mirror$4 microreflect$4 micromirror$1))	USPAT; US-PGPUB	2004/08/20 12:25
3	BRS	L3	506	((align$5 adjust$4 modif$4 chang$4 tun$4 correct$4 control$5) near9 (each individual$3) adj1 (reflect$5 (each adj1 reflector$1) (individual adj1 reflector$1) mirror$4 microreflect$4 micromirror$1))	USPAT; US-PGPUB	2004/08/20 12:27
4	BRS	L4	530	((align$5 adjust$4 modif$4 chang$4 tun$4 correct$4 control$5 calib$7) near9 (each individual$3) adj1 (reflect$5 (each adj1 reflector$1) (individual adj1 reflector$1) mirror$4 microreflect$4 micromirror$1))	USPAT; US-PGPUB	2004/08/20 13:46
5	BRS	L5	25	2 and 4	USPAT; US-PGPUB	2004/08/20 12:43
6	BRS	L6	1	("6411751").pn.	USPAT; US-PGPUB	2004/08/20 12:44
7	BRS	L7	1	6 and (input$3 output$3 fiber$1 waveguide$1 port$1 channel$2 detect$4)	USPAT; US-PGPUB	2004/08/20 12:46
8	BRS	L8	1	6 and 4	USPAT; US-PGPUB	2004/08/20 13:59
9	BRS	L9	1	6 and (sourc$2 laser$1)	USPAT; US-PGPUB	2004/08/20 15:36
10	BRS	L10	1	6 and (measur$6 same (position$4 optim$5 fine tun$5 adjust$6 mirror$1))	USPAT; US-PGPUB	2004/08/20 15:40

	Comments	Error Definition	Errors
1			0
2			0
3			0
4			0
5			0
6			0
7			0
8			0
9			0
10			0

	Type	L #	Hits	Search Text	DBs	Time Stamp
11	BRS	L11	1	6 and (measur$6 same (position$4 optim$5 fine tun$5 adjust$6 mirror$1 power intens$6 maxim$7))	USPAT; US-PGPUB	2004/08/20 16:09
12	BRS	L12	1	6 and (($7detector $7detectors detect$5 photodetect$5 photo$7) same (mirror$1 '251' '252'))	USPAT; US-PGPUB	2004/08/20 19:39
13	BRS	L13	1	6 and (($7detector $7detectors detect$5 photodetect$5 photo$7) same3 (mirror$1 '251' '252'))	USPAT; US-PGPUB	2004/08/20 16:45
14	BRS	L14	1	6 and (mirror$1 same (swithc$4 '151'))	USPAT; US-PGPUB	2004/08/20 16:52
15	BRS	L15	1	6 and (control$3 same (light source$1 signal$1))	USPAT; US-PGPUB	2004/08/20 16:58
16	BRS	L16	1	6 and (control$3 same (light source$1 signal$1 mirror$1 reflect$5))	USPAT; US-PGPUB	2004/08/20 16:59
17	BRS	L17	1	6 and ('155' same '156' same mirror$1)	USPAT; US-PGPUB	2004/08/20 19:43
18	BRS	L19	1	6 and ('155' '156' '210' '250') same (mirror$1)	USPAT; US-PGPUB	2004/08/20 19:45
19	BRS	L20	1	6 and ('155' '156' '210' '250')	USPAT; US-PGPUB	2004/08/20 19:46
20	BRS	L21	1	6 and (('155' '156' '210' '250') same (switch$4 '151'))	USPAT; US-PGPUB	2004/08/20 20:02
21	BRS	L22	1	6 and (bidirect$5 direction$4)	USPAT; US-PGPUB	2004/08/20 20:03

	Comments	Error Definition	Errors
11			0
12			0
13			0
14			0
15			0
16			0
17			0
18			0
19			0
20			0
21			0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	BRS	369	sublimat$3 near9 (glass fiber)	USPAT; US-PGPUB	2003/06/18 19:44		
2	BRS	433	(laser$1 same beam$1 same (cleav$4 cut$4) near7 fiber$1)	USPAT; US-PGPUB	2003/06/18 19:55		
3	BRS	146	(laser$1 same beam$1 near7 (cleav$4 cut$4) near7 fiber$1)	USPAT	2003/06/18 19:57		
4	BRS	126	(laser$1 near7 beam$1 near7 (cleav$4 cut$4) near7 fiber$1)	USPAT	2003/06/18 19:57		
5	BRS	1	((laser$1 near7 beam$1 near7 (cleav$4 cut$4) near7 fiber$1)) and sublimat$5	USPAT	2003/06/18 20:03		
6	BRS	1	(((laser$1 near7 beam$1 near7 (cleav$4 cut$4) near7 fiber$1)) and sublimat$5) and (fiber near7 (hold$4 position$4))	USPAT; US-PGPUB	2003/06/18 20:04		
7	BRS	52	((laser$1 near7 beam$1 near7 (cleav$4 cut$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4))	USPAT; US-PGPUB	2003/06/18 20:04		
8	BRS	53	((laser$1 near7 beam$1 near7 (cleav$4 cut$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4 groove))	USPAT; US-PGPUB	2003/06/19 12:34		
9	BRS	12	(((laser$1 near7 beam$1 near7 (cleav$4 cut$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4 groove))) and ((beam$1 laser$1) near7 (cleav$4 cut$4) near7 (ribbon (bundle near1 fiber) fibers))	USPAT; US-PGPUB	2003/06/19 12:21		
10	BRS	12	(((laser$1 near7 beam$1 near7 (cleav$4 cut$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4 groove))) and ((beam$1 laser$1) near7 (cleav$4 cut$4) near7 (ribbon (bundle near1 fiber) fibers))	USPAT; US-PGPUB	2003/06/19 12:27		
11	BRS	2	((((laser$1 near7 beam$1 near7 (cleav$4 cut$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4 groove))) and ((beam$1 laser$1) near7 (cleav$4 cut$4) near7 (ribbon (bundle near1 fiber) fibers))) and cleav$3	USPAT; US-PGPUB	2003/06/19 12:27		
12	BRS	5	((laser$1 near7 beam$1 near7 (cleav$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4 groove))	USPAT; EPO; JPO; DERWENT	2003/06/19 12:41		

	Errors
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
13	BRS	6	(((laser$1 near5 beam$1) near7 (cleav$4) near7 fiber)) and (fiber$1 same (hold$4 position$4 groove))	USPAT; EPO; JPO; DERWENT	2003/06/19 12:46		
14	BRS	4	((((laser$1 near5 beam$1) near7 (cleav$4) near7 fiber)) and (fiber$1 same (hold$4 position$4 groove))) not (((laser$1 near7 beam$1 near7 (cleav$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4 groove)))	USPAT; EPO; JPO; DERWENT	2003/06/19 12:44		
15	BRS	10	(((laser$1 near5 beam$1) near7 (cleav$4) near7 fiber))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:49		
16	BRS	4	(((((laser$1 near5 beam$1) near7 (cleav$4) near7 fiber))) not ((((((laser$1 near5 beam$1) near7 (cleav$4) near7 fiber)) and (fiber$1 same (hold$4 position$4 groove))) not (((laser$1 near7 beam$1 near7 (cleav$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4 groove)))) (((((laser$1 near5 beam$1) near7 (cleav$4) near7 fiber)) and (fiber$1 same (hold$4 position$4 groove))) (((laser$1 near7 beam$1 near7 (cleav$4) near7 fiber$1)) and (fiber near7 (hold$4 position$4 groove))))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:48		
17	BRS	0	(((laser$1 near5 beam$1) near7 (cuting) near7 fiber)) and cleav$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:51		
18	BRS	0	(((laser$1 near5 beam$1) near7 (cuting) near7 fiber))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:51		
19	BRS	75	(((laser$1 near5 beam$1) near7 (cutting) near7 fiber))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:54		
20	BRS	2	((((laser$1 near5 beam$1) near7 (cutting) near7 fiber))) and cleav$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:52		
21	BRS	94	laser$1 same (beam$1 near7 (cutting cleaving) near7 fiber$!)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 12:58		
22	BRS	86	laser$1 same (beam$1 near7 (cutting cleaving) near7 fiber$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:01		
23	BRS	1	(laser$1 same (beam$1 near7 (cutting cleaving) near7 fiber$1)) and cleav$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:02		

	Errors
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
24	BRS	64	laser$1 same (beam$1 near9 (cutting cleaving) near2 fiber$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/23 13:18		
25	BRS	3	(laser$1 same (beam$1 near9 (cutting cleaving) near2 fiber$1)) and cleav$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:05		
26	BRS	6	("4158555" "5226101" "5983676").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 15:29		
27	BRS	3	(("4158555" "5226101" "5983676").pn.) and (laser same (cut$3 chop$4) near5 fiber$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:12		
28	BRS	278	(laser near5 (cut$3 chop$4 cleav$3) near5 fiber$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:13		
29	BRS	254	(laser near5 (cutting chopping cleav$3) near5 fiber$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/06/19 13:13		
30	BRS	224	(laser near5 (cutting chopping cleav$3) near5 fiber$1)	USPAT; EPO; JPO; DERWENT	2003/06/19 13:14		
31	BRS	128	(laser near5 (cutting chopping cleav$3) near2 fiber$1)	USPAT; EPO; JPO; DERWENT	2003/06/19 19:52		
32	BRS	20	"0097618"	EPO; DERWENT	2003/06/19 13:47		
33	BRS	0	"0097618"	EPO	2003/06/19 13:47		
34	BRS	0	"0097618" and laser$1	EPO; DERWENT	2003/06/19 13:48		
35	BRS	1	seiler and zurcher	EPO; DERWENT	2003/06/19 13:49		
36	BRS	0	6087624.pn. and (fiber$1 near7 (hold$4 groov$3 fix$4 position$3))	USPAT; US-PGPUB	2003/06/19 18:53		
37	BRS	0	6087624.pn. and (hold$4 groov$3 fix$4 position$3)	USPAT; US-PGPUB	2003/06/19 16:11		
38	BRS	1	6087624.pn.	USPAT; US-PGPUB	2003/06/19 16:23		
39	BRS	1213	6087624.pn. ((power laser beam$3 volt$1 amp$3) near7 cut$4 near7 (glass fiber$1))	USPAT; US-PGPUB	2003/06/19 16:44		
40	BRS	1	6087624.pn. and ((power laser beam$3 volt$1 amp$3) near7 cut$4 near7 (glass fiber$1))	USPAT; US-PGPUB	2003/06/19 17:00		
41	BRS	0	6087624.pn. and (mov$4 same fiber$1 same cut$4) and (melt$3 temperat$4 degree$1 heat$4 therm$5 sublim$4)	USPAT; US-PGPUB	2003/06/19 17:40		
42	BRS	1	6087624.pn. and (mov$4 same fiber$1 same2 cut$4) and (melt$3 temperat$4 degree$1 heat$4 therm$5 sublim$4)	USPAT; US-PGPUB	2003/06/19 17:19		
43	BRS	1	6087624.pn. and (laser$1 beam$1 path$1 direction$1 mov$3 propel$4 contol$4)	USPAT; US-PGPUB	2003/06/19 17:20		

	Errors
24	0
25	0
26	0
27	0
28	0
29	0
30	0
31	0
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33	0
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36	0
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39	0
40	0
41	0
42	0
43	0

	Type	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
44	BRS	1	6087624.pn. and (power energ$3 burn$4 melt$3 temperat$4 degree$1 heat$4 therm$5 sublim$4)	USPAT; US-PGPUB	2003/06/19 17:41		
45	BRS	1	6087624.pn. and (fibers near7 cut$4)	USPAT; US-PGPUB	2003/06/19 18:58		
46	BRS	0	6087624.pn. and (laser near7 carbon$6)	USPAT; US-PGPUB	2003/06/20 16:39		
47	BRS	1	"5430590"	JPO; DERWENT	2003/06/20 16:41		
48	BRS	6	"30590"	JPO; DERWENT	2003/06/20 16:42		
49	BRS	74	laser$1 same (beam$1 near9 (cutting cleaving) near2 fiber$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 13:55		
50	BRS	184	laser$1 same (beam$1 near9 (cut$4 cleav$5 sublimit$4) near2 fiber$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/23 13:20		
51	BRS	1	'54030590'	JPO; DERWENT	2004/08/19 11:56		
52	BRS	2	09/880698	USPAT; US-PGPUB	2004/08/18 15:30		
53	BRS	1	6724959.pn.	JPO; DERWENT	2004/08/19 11:56		
54	BRS	1	6724959.pn.	USPAT; US-PGPUB	2004/08/19 11:57		
55	BRS	24	((Round$2 near1 tip$1) near3 fiber$1)	USPAT; US-PGPUB	2004/08/19 11:58		
56	BRS	1	"20030205562"	USPAT; US-PGPUB	2004/08/19 13:17		
57	BRS	1	"20030205562" and (round$3)	USPAT; US-PGPUB	2004/08/19 13:18		
58	BRS	77	laser$1 same (beam$1 near9 (cutting cleaving) near2 fiber$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/08/19 13:55		

	Errors
44	0
45	0
46	0
47	0
48	0
49	0
50	0
51	0
52	0
53	0
54	0
55	0
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